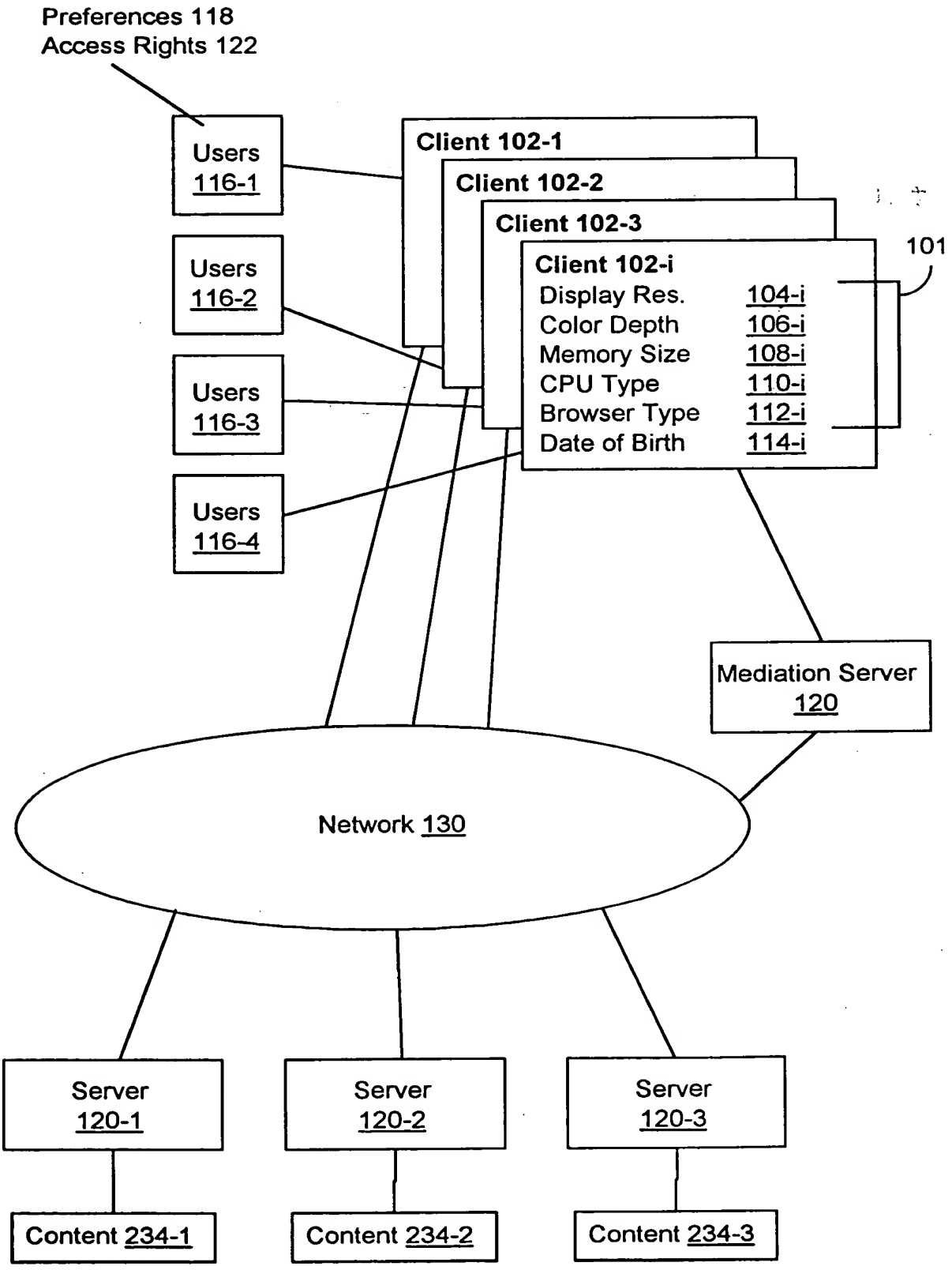
Preferences 118
Access Rights 122
Users 116-1
Users 116-2
Users 116-3
Users 116-4
Client 102-1
Client 102-2
Client 102-3
Client 102-i
Display Res. 104-i
Color Depth 106-i
Memory Size 108-i
CPU Type 110-i
Browser Type 112-i
Date of Birth 114-i
101
Mediation Server 120
Network 130
Server 120-1
Server 120-2
Server 120-3
Content 234-1
Content 234-2
Content 234-3

FIG. 1

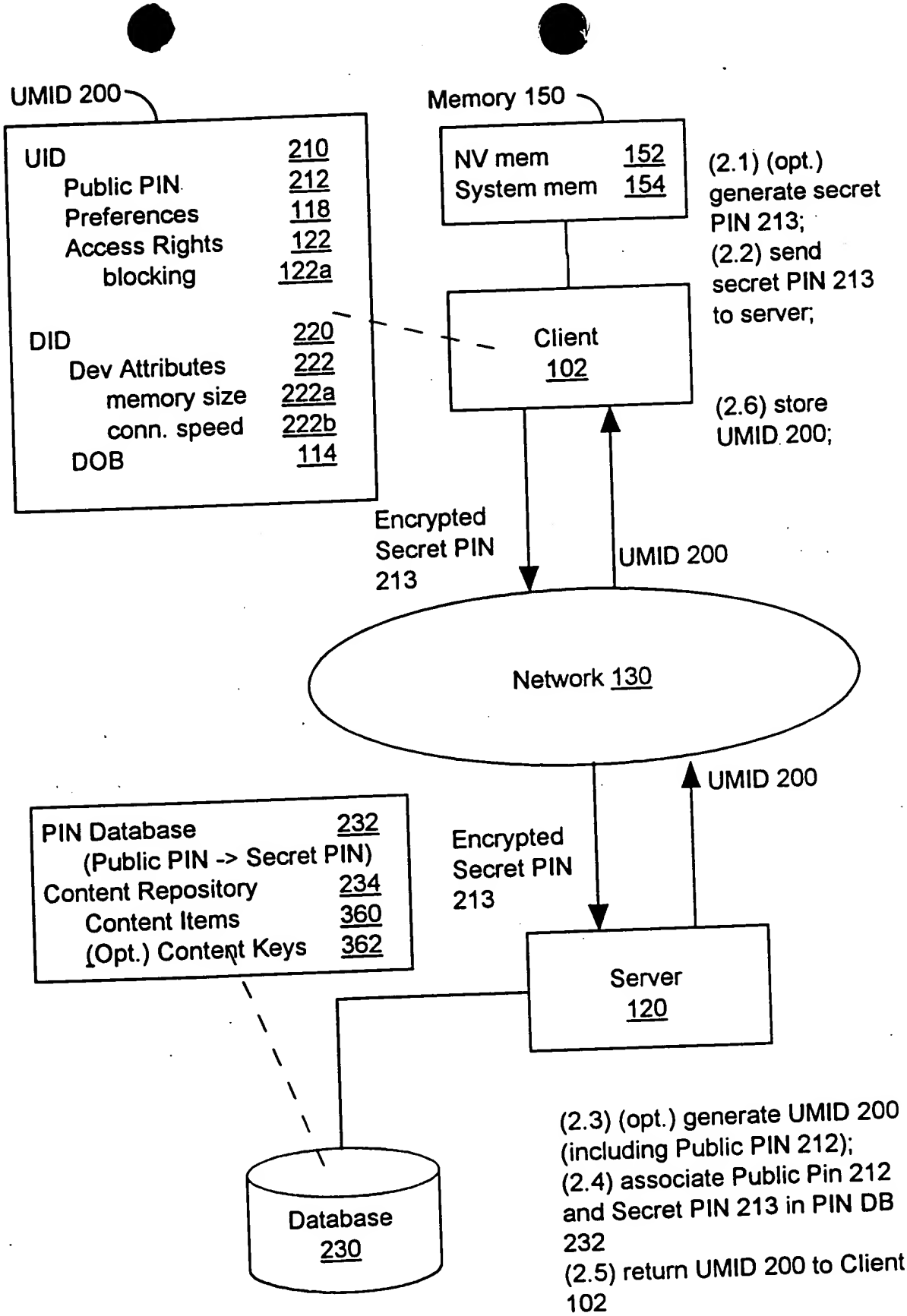
UMID 200
UID 210
Public PIN 212
Preferences 118
Access Rights 122
blocking 122a
DID 220
Dev Attributes 222
memory size 222a
conn. speed 222b
DOB 114
Memory 150
NV mem 152
System mem 154
(2.1) (opt.) generate secret PIN 213;
(2.2) send secret PIN 213 to server;
Client 102
(2.6) store UMID 200;
Encrypted Secret PIN 213
UMID 200
Network 130
UMID 200
PIN Database 232
(Public PIN -> Secret PIN)
Content Repository 234
Content Items 360
(Opt.) Content Keys 362
Encrypted Secret PIN 213
Server 120
(2.3) (opt.) generate UMID 200 (including Public PIN 212);
(2.4) associate Public Pin 212 and Secret PIN 213 in PIN DB 232
(2.5) return UMID 200 to Client 102
Database 230

FIG. 2

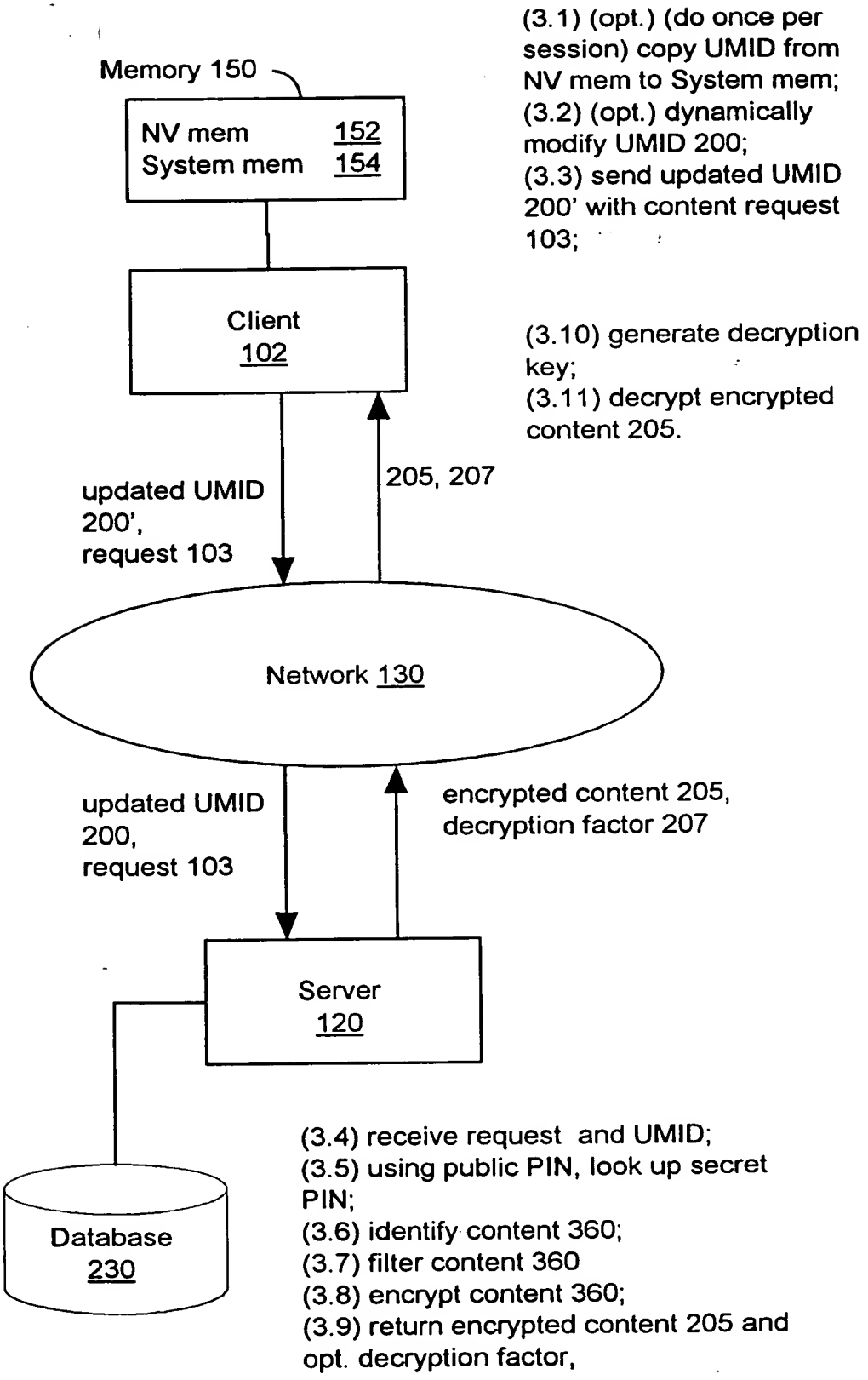
Memory 150
NV mem 152
System mem 154
Client 102
Network 130
Server 120
Database 230
updated UMID 200', request 103
205, 207
updated UMID 200, request 103
encrypted content 205, decryption factor 207
(3.1) (opt.) (do once per session) copy UMID from NV mem to System mem;
(3.2) (opt.) dynamically modify UMID 200;
(3.3) send updated UMID 200' with content request 103;
(3.10) generate decryption key;
(3.11) decrypt encrypted content 205.
(3.4) receive request and UMID;
(3.5) using public PIN, look up secret PIN;
(3.6) identify content 360;
(3.7) filter content 360
(3.8) encrypt content 360;
(3.9) return encrypted content 205 and opt. decryption factor,

FIG. 3

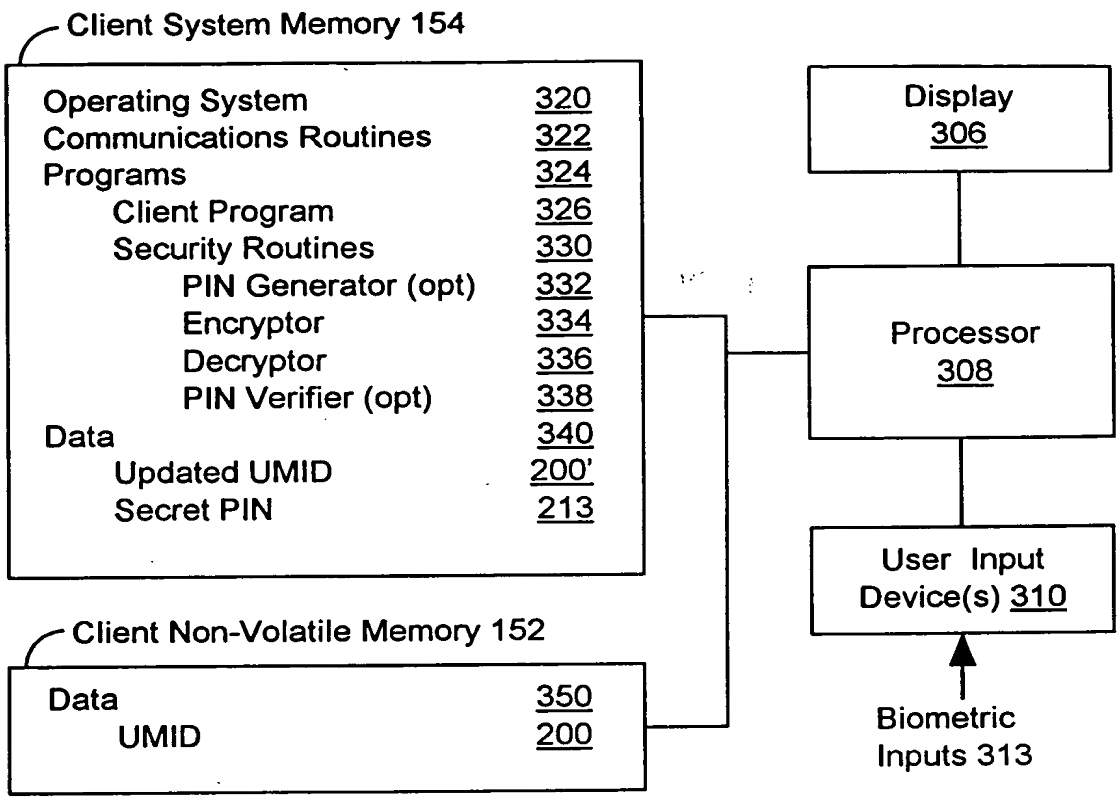

FIG. 4A

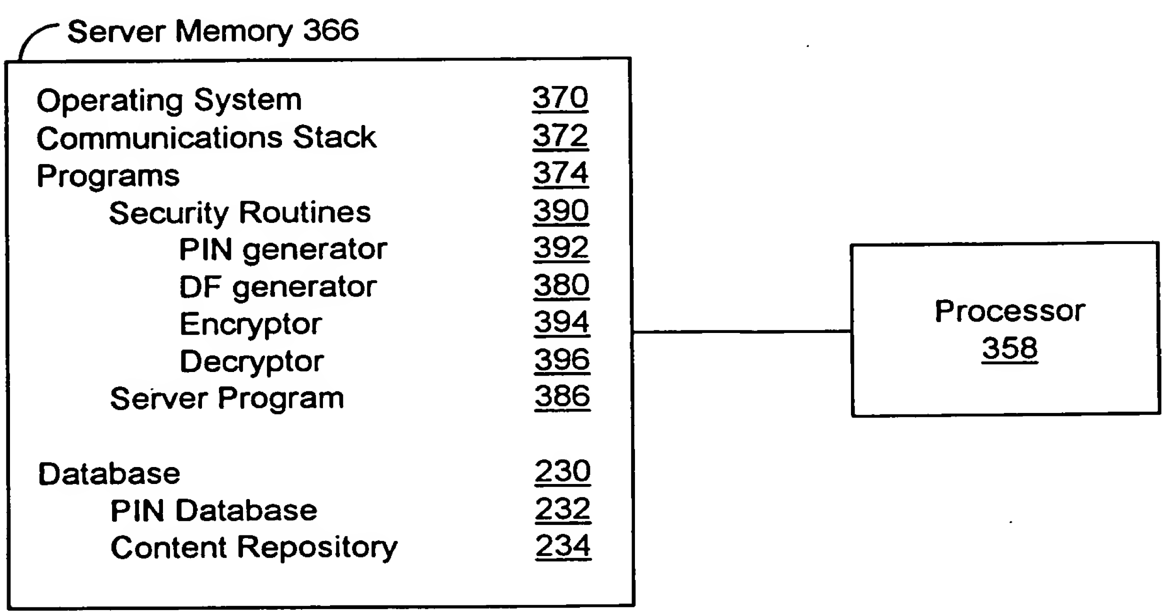

FIG. 4B

09916383.072701

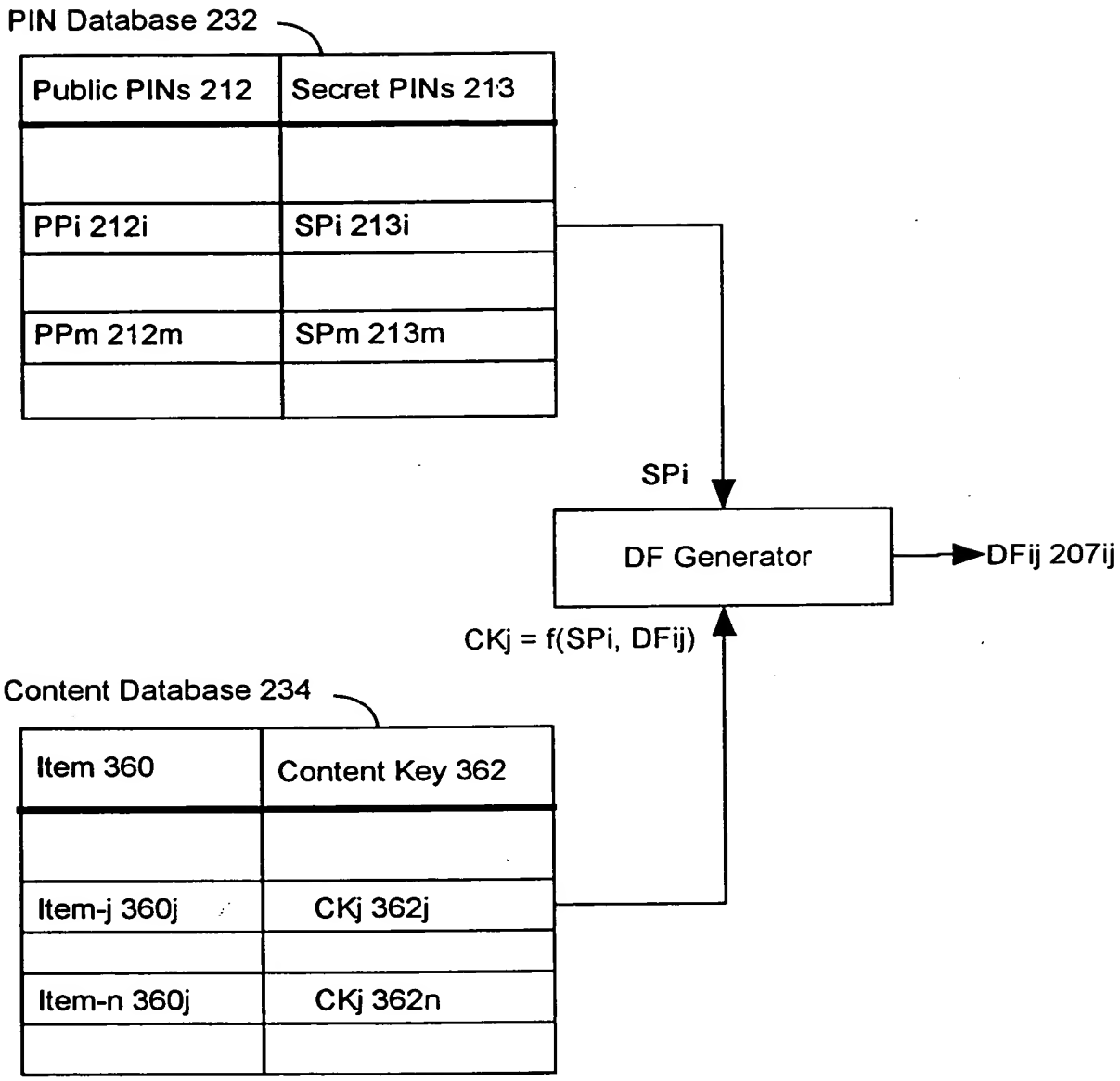
PIN Database 232
Public PINs 212
Secret PINs 213
PPi 212i
SPi 213i
PPm 212m
SPm 213m
SPi
DF Generator
DFij 207ij
CKj = f(SPi, DFij)
Content Database 234
Item 360
Content Key 362
Item-j 360j
CKj 362j
Item-n 360j
CKj 362n

FIG. 5